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<u> </u> 2.	YOUNG et al., A PLL Clock Generator with 5 to 110 MHz of Lock Range for Microprocessors," J. Solid-State Circuits, 27(11):1599-1607, Nov. 1992.	:
3	MANEATIS, J.G., "Low-Jitter Process-Independent DLL and PLL Base on Self-Blased Techniques," J. Solid-State Circuits, 31(11);1723-1732, Nov. 1996	
1/2/4	MIJUSKOVIC et al., "Cell-Based Fully Integrated CMOS Frequency Synthesizers," J. Solid-State Circuits, 29(3):271-279, Mar. 1994	·.
5	NOVOF et al., "Fully Integrated CMOS Phase-Locked Loop with 15 to 240 MHz Locking Range and ±50 ps Jitter," J. Solid-State Circuits, 30(11):12592-12696, Nov. 1995.	,
90/16	LEE and KIM, "A Low-Noise Fast-Lock Phase-Locked Loop with Adaptive Bandwidth Control," J. Solid-State Circuits, 35(8):1137-1145, Aug. 2000.	
7	LIN et al., "A 1.4GHz Differential Low-Noise CMOS Frequency Synthesizer Using a Wideband PLL Architecture," ISSCC Dig. Tech. Papers, San Francisco, CA, Feb. 2000, pp. 147-149.	• •
US 8	RHEE, W., "Design of High Performance CMOS Charge-Pumps in Phase-Locked Loops," Proc. IEEE Int. Symp. Circuits and Systems, Orlando, FL, May 1999, pp. II 548-II 548	
W 9	MAXIM et al., "A Low Jitter 125-1250 MHz Process Independent 0.18µm CMOS PLL Based on a Sample-Resent Loop Fitier," ISSCC Dig. Tech. Papers, San Francisco, CA, Feb. 2001, pp. 394-395	٠.
1 0	MAXIM & MAXIM, "A Novel Physical Model of Deep-Submicron CMOS Transistors Mismatch for Monte Carlo SPICE Simulation," Proc. IEEE Int. Symp. Circuits and Systems, Sydney, NSW, Australia, May 2001, pp. V-511-V-514.	

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			U. S. PATENT	T DOCUMENTS	
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